Page 2

In a preferred embodiment, the adjuvant is described in EP 735898B1.

IN THE CLAIMS:

Please cancel claims 93-112 without prejudice to subsequent revival.

Please add new claims 113-144 as follows.

113. (new) A method for eliciting or enhancing an immune response to HER-2/neu protein, the method comprising the step of administering to a warm-blooded animal a composition comprising an isolated protein comprising a Her2/Neu ECD-PD fusion protein in an amount effective to elicit or enhance the immune response, the Her-2/neu ECD-PD fusion protein comprising a Her-2/neu extracellular domain fused to a Her-2/neu phosphorylation domain, wherein the fusion protein is encoded by a nucleic ? acid that hybridizes under stringent conditions to the complement of a nucleic acid sequence encoding an amino acid sequence of SEQ ID NO:6, wherein the hybridization reaction is incubated in a solution comprising 5x SSC at a temperature of 50-65°C and washed in a solution comprising 0.2x SSC and 0.1% SDS at a temperature of 65°C, and wherein the protein is capable of producing an immune response in a warm-blooded animal.

(new) The method of claim 113, wherein the composition is administered in the form of a vaccine.

(new) The method of claim 113, wherein the fusion protein 115. comprises an amino acid sequence of SEQ ID NO:6.

(new) The method of claim 113, wherein the fusion protein comprises an amino acid sequence of SEQ ID NO:7.

CHEEVER et al.

Application No.: 09/854,356

Page 3

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117. (new) The method of claim 113, wherein the fusion protein is lipidated.

- 118. (new) The method of claim 113, wherein the composition comprises a physiologically acceptable carrier or diluent.
- 119. (new) The method of claim 118, wherein the composition comprises an oil-in-water emulsion.
- 120. (new) The method of claim 119, wherein the composition comprises tocopherol.
- 121. (new) The method of claim 113, wherein the composition comprises an immunostimulatory substance.
- 122. (new) The method of claim 121, wherein the composition comprises an immunostimulatory substance comprising 3D-MPL, QS21, or a combination of 3D-MPL and QS21.
- 123. (new) The method of claim 121, wherein the composition comprises an immunostimulatory substance comprising 3dMPL and QS21 in an oil-inwater emulsion.
- 124. (new) The method of claim 123, wherein the composition comprises tocopherol.
- 125. (new) The method of claim 113, wherein the composition comprises a CpG-containing oligonucleotide.

B2

CHEEVER et al.

Application No.: 09/854,356

Page 4

126. (new) The method of claim 113, wherein the step of administering comprises transfecting cells of the warm-blooded animal ex vivo with the composition comprising the fusion protein and subsequently delivering the transfected cells to the warm-blooded animal.

HER-2/neu protein, the method comprising the step of administering to a warm-blooded animal a composition comprising a nucleic acid molecule encoding a HER-2/neu fusion protein in an amount effective to elicit or enhance the immune response, the HER-2/neu fusion protein comprising a HER-2/neu extracellular domain fused to a HER-2/neu phosphorylation domain, wherein the nucleic acid hybridizes under stringent conditions to the complement of a nucleic acid sequence encoding the amino acid sequence of SEQ ID NO:6, wherein the hybridization reaction is incubated in a solution comprising 5x SSC at a temperature of 50-65°C and washed in a solution comprising 0.2x SSC and 0.1% SDS at a temperature of 65°C, and wherein the protein is capable of producing an immune response in a warm-blooded animal.

128. (new) The method of claim 127, wherein the nucleic acid molecule is in the form of a vaccine.

129. (new) The method of claim 127, wherein the step of administering comprises transfecting cells of the warm-blooded animal *ex vivo* with the composition comprising the nucleic acid molecule and subsequently delivering the transfected cells to the warm-blooded animal.

130. (new) The method of claim 127, wherein the composition comprises a lipid.

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CHEEVER et al.

Application No.: 09/854,356

Page 5

131. (new) The method of claim 127, wherein the composition comprises a physiologically acceptable carrier or diluent.

- 132. (new) The method of claim 127, wherein the nucleic acid molecule is a viral vector encoding a HER-2/neu fusion protein.
- 133. (new) The method of claim 127, wherein the viral vector is an adenoviral vector.
- 134. (new) The method of claim 129, wherein the nucleic acid molecule is a viral vector encoding a HER-2/neu fusion protein.
- 135. (new) The method of claim 134, wherein the viral vector is an adenoviral vector.
- 136. (new) The method of claim 127, wherein the nucleic acid molecule encodes a protein comprising an amino acid sequence of SEQ ID NO:6.
- 137. (new) The method of claim 127, wherein the nucleic acid molecule encodes a protein comprising an amino acid sequence of SEQ ID NO:7.
- HER-2/neu protein, the method comprising the step of administering to a warm-blooded animal a composition comprising a viral vector comprising a nucleic acid molecule encoding a HER-2/neu fusion protein in an amount effective to elicit or enhance the immune response, the HER-2/neu fusion protein comprising a HER-2/neu extracellular domain fused to a HER-2/neu phosphorylation domain, wherein the nucleic acid hybridizes under stringent conditions to the complement of a nucleic acid sequence encoding the amino acid sequence of SEQ ID NO:6, wherein the hybridization reaction is